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Sci-Phys
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- I. Artyukh, L. Yu.
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- IV. International Chemical
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DESCRIPTORS: *Gas flow, *Boundary layer, *Combustion,
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For abstract see Technical Translations 7: 367, 1962.
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LARY POROUS MATERIAL (CLAY) DURING DRYING
PROCESS. 13 Feb 62, 9p. (3 figs. omitted) 13 refs.
Order from OTS or SLA \$1.10 62-14229

I. Beolpol'skii, M. S.

Trans. of Inzhenerno-Fizicheskii Zhurnal (USSR)
1961, v. 4, no. 4, p. 49-54.

DESCRIPTORS: *Porous materials, *Clays, *Dehy-
dration, Moisture, Deformation, Mechanical proper-
ties, *Colloids, Microstructure.

The paper analyzes changes in the structure of clay
during the drying process on the basis of structural-
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DESCRIPTORS: Thermodynamics, *Thermal diffusion,
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DESCRIPTORS: Thermodynamics, *Heat transfer,
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DESCRIPTORS: Thermodynamics, *Thermal diffusion,
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DESCRIPTORS: *Pneumatic systems, *Conveyors, Resistance, *Phase studies, Fluid flow, Gas flow, Particles, *Chemical engineering.

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DESCRIPTORS: *Chemical engineering, Hydrodynamics, *Fluid flow, *Heat transfer *Mass transfer, Porous filters, Phase studies, Capillaries, Osmotic pressure.

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FTD-TT-63-310

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(Engineering--Chemical, TT, v. 8, no. 11)

02-0400

Office of Technical Services
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V. A. Zagoruchenko

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DESCRIPTORS: *Nuclear magnetic resonance,
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